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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

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# UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. 219.40432X00

First Inventor Gary A. BRIST et al.

Title See 1 in Addendum

Express Mail Label No.

Only for new nonprovisional applications under 37 CFR 1.53(b)

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 17]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 6]
5. ☐ Oath or Declaration [Total Pages]
  - a. ☐ Newly executed (original or copy)  
Copy from a prior application (37 CFR 1.63 (d))
  - b. ☐ (for continuation/divisional with Box 18 completed)
    - i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Form (CRF)
  - b. Specification Sequence Listing on:
    - i. ☐ CD-ROM or CD-R (2 copies); or
    - ii. ☐ paper
  - c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Credit Card Payment Form...

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No. /

Prior application information:

Examiner

Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

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or ☐ Correspondence address below

Name

Address

City

State

Zip Code

Country

Telephone

Fax

Name (Print/Type)

David C. Oren

Registration No. (Attorney/Agent)

38,694

Signature

Date

September 27, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

## Addendum

1. WAVEGUIDE IN A PRINTED CIRCUIT BOARD AND METHOD OF FORMING THE SAME

09963637.092701  
T0/260" 4E9E9560

# FEE TRANSMITTAL for FY 2000

Patent fees are subject to annual revision  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.  
See 37 C.F.R. §§ 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$898.00)

## Complete if Known

Application Number	New Application
Filing Date	September 27, 2001
First Named Inventor	Gary A. BRIST et al.
Examiner Name	Unassigned
Group / Art Unit	Unassigned
Attorney Docket No.	219.40432X00

## METHOD OF PAYMENT (check one)

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to

Deposit Account Number 01-2135  
Deposit Account Name ATS&K  
☒ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

2. ☒ Payment Enclosed:  
☐ Check ☐ Money Order ☒ Other

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Fee Code (\$)	Small Fee Code (\$)	Entity Fee Code (\$)	Fee Description	Fee Paid
101 690	201 345		Utility filing fee	710.00
106 310	206 155		Design filing fee	
107 480	207 240		Plant filing fee	
108 690	208 345		Reissue filing fee	
114 150	214 75		Provisional filing fee	

SUBTOTAL (1) (\$710.00)

### 2. EXTRA CLAIM FEES

Total Claims 26 - 20\*\* = 6 x 18 = 108  
Independent Claims 4 - 3\*\* = 1 x 80 = 80  
Multiple Dependent          = 0

\*\*or number previously paid, if greater; For Reissues, see below

Large Fee Code (\$)	Small Fee Code (\$)	Entity Fee Code (\$)	Fee Description	Fee Paid
103 18	203 9		Claims in excess of 20	
102 78	202 39		Independent claims in excess of 3	
104 260	204 130		Multiple dependent claim, if not paid	
109 78	209 39		** Reissue independent claims over original patent	
110 18	210 9		** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$188.00)

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Fee Code (\$)	Small Fee Code (\$)	Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65		Surcharge - late filing fee or oath	0.00
127 50	227 25		Surcharge - late provisional filing fee or cover sheet	0.00
139 130	139 130		Non-English specification	0.00
147 2,520	147 2,520		For filing a request for reexamination	0.00
112 920*	112 920*		Requesting publication of SIR prior to Examiner action	0.00
113 1,840*	113 1,840*		Requesting publication of SIR after Examiner action	0.00
115 110	215 55		Extension for reply within first month	0.00
116 380	216 190		Extension for reply within second month	0.00
117 870	217 435		Extension for reply within third month	0.00
118 1,360	218 680		Extension for reply within fourth month	0.00
128 1,850	228 925		Extension for reply within fifth month	0.00
119 300	219 150		Notice of Appeal	0.00
120 300	220 150		Filing a brief in support of an appeal	0.00
121 260	221 130		Request for oral hearing	0.00
138 1,510	138 1,510		Petition to institute a public use proceeding	0.00
140 110	240 55		Petition to revive - unavoidable	0.00
141 1,210	241 605		Petition to revive - unintentional	0.00
142 1,210	242 605		Utility issue fee (or reissue)	0.00
143 430	243 215		Design issue fee	0.00
144 580	244 290		Plant issue fee	0.00
122 130	122 130		Petitions to the Commissioner	0.00
123 50	123 50		Petitions related to provisional applications	0.00
126 240	126 240		Submission of Information Disclosure Stmt	0.00
581 40	581 40		Recording each patent assignment per property (times number of properties)	0.00
146 690	246 345		Filing a submission after final rejection (37 CFR § 1.129(a))	0.00
149 690	249 345		For each additional invention to be examined (37 CFR § 1.129(b))	0.00
Other fee (specify) _____				0.00
Other fee (specify) _____				0.00

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$0.00)

## SUBMITTED BY

Name (Print/Type)	David C. Oren	Registration No. (Attorney/Agent)	38,694	Telephone	703-312-6600
Signature		Date	September 27, 2001		

## WARNING:

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